#14

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0575/55873/JPW/JML/PTS	Serial No. 09/167,705
		Applicant Ann Marie Schmidt et al.	
	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Filing Date October 6, 1998	Group 1646

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
		5 6 8 8 6 5 3	11/18/97	Ulrich et al. **(Exhibit 1);**			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

NN		Baynes, J. W. (1991). Role of oxidative stress in development of complications in diabetes. Diabetes 40: 405-412 **(Exhibit 2);**
		Borchelt, D. R., et al. (1996). Familial Alzheimer's Disease-linked presenilin 1 variants elevate Aβ1-42/1-40 ration *in vitro* and *in vivo*. Neuron 17: 1005-1013 **(Exhibit 3);**
		Brett, J., et al. (1993). Survey of the distribution of a newly characterized receptor for a advanced glycation end products in tissues. Am. J. Pathol. 143(6): 1699-1712 **(Exhibit 4);**

EXAMINER	DATE CONSIDERED
	Dec 7, 2000

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0575/55873/JPW/JML/PTS	Serial No. 09/167,705
		Applicant Ann Marie Schmidt et al.	
	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Filing Date October 6, 1998	Group 1646

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AL		Brownlee, M. (1992). Glycation products and the pathogenesis of diabetic complications. Diabetes Care 15(12): 1835-1842 **(Exhibit 5);**
		Cai, X-D., et al. (1993). Release of excess amyloid β protein from a mutant amyloid β protein precursor. Science 259: 514-516 **(Exhibit 6);**
		Citron, M., et al. (1997). Mutant presenilins of Alzheimer's Disease increase production of 42-residue amyloid β-protein in both transfected cells and transgenic mice. Nature Medicine 3(1): 67-72 **(Exhibit 7);**

EXAMINER	DATE CONSIDERED
	December 7, 2000

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0575/55873/JPW/JML/PTS	Serial No. 09/167,705
		Applicant Ann Marie Schmidt et al.	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Filing Date October 6, 1998	Group 1646

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Dell'Angelica, E. C., et al. (1994). Primary structure and binding properties of calgranulin C, a novel S100-like calcium-binding protein from pig granulocytes. J. Biol. Chem. 269: 28929-28936 **(Exhibit 8);**
		Fahey, T., et al. (1991). Diabetes impairs the late inflammatory response to wound healing. J. Surg. Res. 50: 308-313 **(Exhibit 9);**

EXAMINER	DATE CONSIDERED
	December 7, 2000

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Includ copy of this form with n xt communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0575/55873/JPW/JML/PTS	Serial No. 09/167,705
		Applicant Ann Marie Schmidt et al.	
	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Filing Date October 6, 1998	Gr up 1646

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JM		Fu, M-X., et al. (1996). The advanced glycation end product, N^{ϵ}-(carboxymethly) lysine, is a product of both lipid peroxidation and glycoxidation reactions. J. Biol. Chem. 271: 9982-9986 ~~(Exhibit 10);~~
JM		Giardino, I., et al. (1994). Nonenzymatic glycosylation *in vitro* and in bovine endothelial cells alters basic fibroblast growth factor activity. J. Clin. Invest. 94: 110-117 **(Exhibit 11);**

EXAMINER	DATE CONSIDERED
	Dec 7, 200

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0575/55873/JPW/JML/PTS	Serial No. 09/167,705
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Applicant Ann Marie Schmidt et al.	
	Filing Date October 6, 1998	Group 1646

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Gibbons, G. H. and V. J. Dzau. (1996). Molecular therapies for vascular diseases. Science 272: 689-693. **(Exhibit 12);**
		Khoury, J. E., et al. (1994). Macrophages adhere to glucose-modified basement membrane collagen IV via their scavenger receptors. J. Biol. Chem. 269: 10197-10200 **(Exhibit 13);**
		Kuo, Y-M., et al. (1996). Water-soluble Aβ (N-40, N-42) oligomers in normal and Alzheimer Disease brains. J. Biol. Chem. 271(8): 4077-4081 **(Exhibit 14);**

EXAMINER	DATE CONSIDERED
	December 7, 2000

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0575/55873/JPW/JML/PTS	Serial No. 09/167,705
		Applicant Ann Marie Schmidt et al.	
	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Filing Date October 6, 1998	Group 1646

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Lander, H. M., et al. (1997). Activation of the receptor for advanced glycation end products triggers a p21^{ras} dependent mitogen-activated protein kinase pathway regulated by oxidant stress. J. Biol. Chem. 272: 17810-17814 **(Exhibit 15);**
		Ledesma, M. D., et al. (1994). Analysis of microtubule-associated protein tau glycation in paired helical filaments. J. Biol. Chem. 269(34): 21614-21619 **(Exhibit 16);**

EXAMINER	DATE CONSIDERED
	Dec 7, 2000

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0575/55873/JPW/JML/PTS	Serial No. 09/167,705
		Applicant Ann Marie Schmidt et al.	
	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Filing Date October 6, 1998	Group 1646

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JW		Li, J. and A. M. Schmidt (1997). Characterization and functional analysis of the promoter of RAGE, the receptor for advanced glycation end products. J. Biol. Chem. 272: 16498-16506 **(Exhibit 17);**
JW		Lorenzo, A. and B. A. Yanker (1994). β-amyloid neurotoxicity requires fibril formation and is inhibited by Congo red. Proc. Nat. Acad. Sci. USA 91: 12243-12247 **(Exhibit 18);**

EXAMINER	DATE CONSIDERED
	March 7, 2009

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0575/55873/JPW/JML/PTS	Serial No. 09/167,705
		Applicant Ann Marie Schmidt et al.	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Filing Date October 6, 1998	Group 1646

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AL		Mattson, M. P. and Y. Goodman (1995). Different amyloidogenic peptides share a similar mechanism of neurotoxicity involving reactive oxygen species and calcium. Brain Res. 676: 219-224 **(Exhibit 19);**
AL		Miyata, T., et al. (1996). The receptor for advanced glycation end products (RAGE) is a central mediator of the interaction of AGE-β2 Microglobulin with human mononuclear phagocytes via an oxidant-sensitive pathway. J. Clin. Invest. 98: 1088-1094 **(Exhibit 20);**

EXAMINER	DATE CONSIDERED
	Dec 7, 2000

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0575/55873/JPW/JML/PTS	Serial No. 09/167,705
		Applicant Ann Marie Schmidt et al.	
	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Filing Date October 6, 1998	Group 1646

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Nakamura, Y., et al. (1993). Immunohistochemical localization of advanced glycosylation endproducts in coronary atheroma and cardiac tissue in diabetes mellitus. Am. J. Pathol. 143(6): 1649-1656 **(Exhibit 21);**
		Neeper, M., et al. (1992). Cloning and expression of a cell surface receptor for advanced glycosylation end products of proteins. J. Biol. Chem. 267: 14998-15004 **(Exhibit 22);**

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0575/55873/JPW/JML/PTS	Serial No. 09/167,705
		Applicant Ann Marie Schmidt et al.	
	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Filing Date October 6, 1998	Group 1646

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AV		Palinski, W., et al. (1995). Immunological evidence for the presence of advanced glycosylation end products in atherosclerotic lesions of euglycemic rabbits. Arterioscl. Thromb. and Vasc. Biol. 15(5): 571-582 **(Exhibit 23);**
AV		Park, L., et al. (1998). Suppression of accelerated diabetic atherosclerosis by the soluble receptor for advanced glycation endproducts. Nature Medicine 4: 1025-1031 **(Exhibit 24);**

EXAMINER	DATE CONSIDERED
	Dec 7, 2000

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0575/55873/JPW/JML/PTS	Serial No. 09/167,705
		Applicant Ann Marie Schmidt et al.	
	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Filing Date October 6, 1998	Group 1646

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Park, L., et al. (1997). A murine model of accelerated diabetic atherosclerosis: suppression by soluble receptor for advanced glycation endproducts. Circulation Supplement. Abstract 3079 **(Exhibit 25);**
		Reddy, S., et al. (1995). N^{ϵ}-(Carboxymethyl) lysine is a dominant advanced glycation end product (AGE) antigen in tissue proteins. Biochemistry 34: 10872-10878 **(Exhibit 26);**

EXAMINER	DATE CONSIDERED
	Oct. 7, 2000

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0575/55873/JPW/JML/PTS	Serial No. 09/167,705
		Applicant Ann Marie Schmidt et al.	
	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Filing Date October 6, 1998	Group 1646

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Renard, C., et al. (1997). Recombinant advanced glycation end product receptor pharma-
		cokinetics in normal and diabetic rats. Mol. Pharm. 52: 54-62 **(Exhibit 27);**
		Roher, A. E., et al. (1996). Morphology and toxicity of Aβ-(1-42) dimer derived from neuritic
		and vascular amyloid deposits of Alzheimer's Disease. J. Biol. Chem. 271(34): 20631-20635
		(Exhibit 28);
		Schleicher, E. D., et al. (1997). Increased accumulation of the glycoxidation product N^{ϵ}-
		(carboxymethyl) lysine in human tissues in diabetes and aging. J. Clin. Invest. 99: 457-468
		(Exhibit 29);

EXAMINER	DATE CONSIDERED
	Dec 7, 2000

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0575/55873/JPW/JML/PTS	Serial No. 09/167,705
		Applicant Ann Marie Schmidt et al.	
	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Filing Date October 6, 1998	Group 1646

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Schmidt, A. M., et al. (1995). Advanced glycation endproducts interacting with their endothelial receptor induce expression of vascular cell adhesion molecule-1 (VCAM-1) in cultured human endothelial cells and in mice. J. Clin Invest. 96: 1395-1403 **(Exhibit 30);**
		Schmidt, A. M., et al. (1994). Receptor for advanced glycation endproducts (AGEs) has a central role in vessel wall interactions and gene activation in response to circulating AGE proteins. Proc. Nat'l Acad. Sci. USA 91: 8807-8811 **(Exhibit 31);**

EXAMINER	DATE CONSIDERED
	Dec 7, 2000

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0575/55873/JPW/JML/PTS	Serial No. 09/167,705
		Applicant Ann Marie Schmidt et al.	
	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Filing Date October 6, 1998	Group 1646

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Schmidt, A. M., et al. (1992). Isolation and characterization of two binding proteins for advanced glycosylation end products from bovine lung which are present on the endothelial cell surface. J. Biol. Chem. 267: 14987-14997 **(Exhibit 32);**
		Schmidt, A. M., et al. (1994). Cellular receptors for advanced glycation end products. Arterioscler. Thromb. 14: 1521-1528 **(Exhibit 33);**
		Schmidt, A. M., et al. (1995). The dark side of glucose. (News and Views). Nature Medicine 1: 1002-1004 **(Exhibit 34);**

EXAMINER	DATE CONSIDERED
	Dec 7, 2010

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0575/55873/JPW/JML/PTS	Serial No. 09/167,705
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Applicant Ann Marie Schmidt et al.	
	Filing Date October 6, 1998	Group 1644

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JM		Schmidt, A. M., et al. (1993). Regulation of human mononuclear phagocyte migration by cell surface-binding proteins for advanced glycation end products. J. Clin. Invest. 92: 2155-2168 **(Exhibit 35);**
JM		Schmidt, A. M., et al. (1997). The v-domain of receptor for advanced glycation endproducts (RAGE) mediates binding of AGEs: a novel target for therapy of diabetic complications. Circulation Supplement 96:#194, p. 1-37 **(Exhibit 36);**

EXAMINER	DATE CONSIDERED
J. M. Ag	Dec 7, 2000

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0575/55873/JPW/JML/PTS	Serial No. 09/167,705
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Applicant Ann Marie Schmidt et al.	
	Filing Date October 6, 1998	Group 1646

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Schmidt, A. M., et al. (1994). The endothelial cell binding site for advanced glycation end products consists of a complex: an integral membrane protein and a lactoferrin-like polypeptide. J. Biol. Chem. 269: 9882-9888 **(Exhibit 37);**
		Soulis, T., et al. (1997). Advanced glycation end products and their receptors co-localise in rat organs susceptible to diabetic microvascular injury. Diabetologia 40: 619-628 **(Exhibit 38);**
		Turner, R. S., et al. (1997). Amyloids β_{40} and β_{42} are generated intracellularly in cultured human neurons and their secretion increases with maturation. J. Biol. Chem. 271 (15): 8966-8970 **(Exhibit 39);**

EXAMINER	DATE CONSIDERED
	Dec 7, 2000

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0575/55873/JPW/JML/PTS	Serial No. 09/167,705
		Applicant Ann Marie Schmidt et al.	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Filing Date October 6, 1998	Group 1646

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

gl		Vitek, M. P., et al. (1994). Advanced glycation end products contribute to amyloidosis in Alzheimer disease. Proc. Nat'l Acad. Sci. USA 91: 4766-4770 **(Exhibit 40);**
		Vlassara, H., et al. (1995). Identification of galectin-3 as a high-affinity binding protein for advanced glycation end products (AGE): a new member of the AGE-receptor complex. Molec. Med. 1: 634-646 **(Exhibit 41);**
		Vlassara, H., et al. (1994). Pathogenic effects of advanced glycosylation: biochemical, biologic, and clinical implications for diabetes and aging. Lab. Invest. 70: 138-151 **(Exhibit 42);**

EXAMINER	DATE CONSIDERED
	Decbr 7, 2000

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0575/55873/JPW/JML/PTS	Serial No. 09/167,705
		Applicant Ann Marie Schmidt et al.	
	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Filing Date October 6, 1998	Group 1646

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Wautier, J.-L., et al. (1996). Receptor-mediated endothelial cell dysfunction in diabetic vasculopathy: soluble receptor for advanced glycation end products blocks hyperpermeability in diabetic rats. J. Clin. Invest. 97: 238-243 **(Exhibit 43);**
		Wautier, J.-L., et al. (1996). Interaction of diabetic erythrocytes bearing advanced glycation endproducts with the endothelial receptor AGE induces generation of reactive oxygen inter-mediates and cellular dysfunction. Circulation Supplement 94(8): #4139 **(Exhibit 44);**

EXAMINER	DATE CONSIDERED
	December 7, 2000

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Atty. Docket N . 0575/55873/JPW/JML/PTS	Serial No. 09/167,705
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Applicant Ann Marie Schmidt et al.	
	Filing Date October 6, 1998	Group 1646

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Wu J., et al. (1997). The soluble receptor for advanced glycation endproducts (sRAGE) ameliorates impaired wound healing in diabetic mice. Plastic Surg. Res. Council Abstract #77, p. 43 **(Exhibit 45);**
		Yan, S. D., et al. (1994). Enhanced cellular oxidant stress by the interaction of advanced glycation end products with their receptors/binding proteins. J. Biol. Chem. 269: 9889-9897 **(Exhibit 46);**

EXAMINER	DATE CONSIDERED
	Dec 7, 2000

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0575/55873/JPW/JML/PTS	Serial No. 09/167,705
		Applicant Ann Marie Schmidt et al.	
	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Filing Date October 6, 1998	Group 1646

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Yan, S. D., et al. (1996). RAGE and amyloid-β peptide neurotoxicity in Alzheimer's disease. Nature 382: 685-691 **(Exhibit 47);** and
	Yan, S. D., et al. (1997). Amyloid-β peptide-receptor for advanced glycation endproduct interaction elicits neuronal expression of macrophage-colony stimulating factor: a proinflammatory pathway in Alzheimer disease. Proc. Nat'l Acad. Sci. 94: 5296-5301. **(Exhibit 48).**

EXAMINER	DATE CONSIDERED
	Dec 7, 2008

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.